



List of guidance from ECDC and recent publications on COVID-19

Weekly Digest
7 January 2021

ECDC Outputs

Publications

Risk Assessment: Risk related to spread of new SARS-CoV-2 variants of concern in the EU/EEA. Risk Assessment – 29 December [Read more »](#)

Sequencing of SARS-CoV-2. Technical Report – 23 December [Read more »](#)

COVID-19 in children and the role of school settings in transmission - first update. Technical Report – 23 December [Read more »](#)

COVID-19 vaccination and prioritisation strategies in the EU/EEA. Technical Report – 23 December [Read more »](#)

Threat Assessment Brief: Rapid increase of a SARS-CoV-2 variant with multiple spike protein mutations observed in the United Kingdom. Threat Assessment Brief – 20 December [Read more »](#)

All ECDC publications on scientific advice on coronavirus are published [here](#).

Translated guidance and infographics on COVID-19. Available in 26 languages. [Read more »](#)

Situation updates on COVID-19

COVID-19 situation update for the EU/EEA and the UK: Includes an update on the number of cases and deaths and geographical distribution of 14-day notification rates for the EU/EEA and the UK. [Read more »](#)

COVID-19 situation update worldwide: Includes an update on the number of cases and deaths and geographical distribution of 14-day notification rates worldwide. [Read more »](#)

Weekly COVID-19 country overview: Provides an overview of the evolving epidemiological situation for the EU/EEA and UK (including case/death notification rates, testing rates, test positivity, hospital and ICU occupancy/capacity per country). [Read more »](#)

Weekly surveillance report on COVID-19: Includes information on severity and risk groups most affected for the EU/EEA and UK, as well as TESSy data quality and descriptions about national surveillance systems. [Read more »](#)

Situation dashboard: Interactive map with the latest available data on COVID-19 (worldwide). [Read more »](#)

Maps in support of the Council Recommendation on a coordinated approach to the restriction of free movement in response to the COVID-19 pandemic in the EU/EEA and the UK. These maps are published every Thursday based on a number of different indicators. [Read more »](#)

Current risk assessment on COVID-19. From 23 October 2020. [Read more »](#)

Download data on COVID-19

Much of ECDC's data can be downloaded from its website. This for instance includes, but is not limited to, reported number of cases and deaths, 14-day case notification rates, ICU and hospital admissions/occupancy, testing rates/positivity and response measures implemented in EU/EEA countries and the UK. [Link to downloadable data»](#)

Infographics, Videos, Webinars and more

Infographics and leaflets about COVID-19 – Infographics, leaflets and posters on COVID-19. [Read more »](#)

Videos on COVID-19 – What do we know about the COVID-19. [Read more »](#)

Webinars and Podcasts on COVID-19 –Webinars and discussions on COVID-19. [Read more »](#)

ECDC Virtual Academy (EVA) – COVID-19 Micro learning for public health professionals. [Read more »](#)

Online micro learning activities on non-pharmaceutical countermeasures in relation to COVID-19. Event E-learning course. 20 Feb 2020 - 31 Dec 2020. [Read more »](#)

Other ECDC Outputs

ECDC website on COVID-19 ECDC – [Read more »](#)

Find the latest evidence on:

- [SARS-CoV-2](#)
- [Epidemiology of COVID-19](#)
- [Transmission of COVID-19](#)
- [COVID-19 Infection](#)
- [Clinical characteristics of COVID-19](#)
- [Diagnostic testing and screening for SARS-CoV-2](#)
- [Immune responses and immunity to SARS-CoV-2](#)
- [Vaccines and treatment of COVID-19](#)

Surveillance definitions for COVID-19. High risk exposure/close contact, transmission status, death due to COVID-19. [Read more »](#)

ECDC case definition for COVID-19. [Read more »](#)

Testing strategies for COVID-19 - Patients requiring diagnostic testing. [Read more »](#)

Preparedness for COVID-19 – Publications and guidance for preparedness planning. [Read more »](#)

Prevention and control – how to protect yourself, monitoring of response activities, patient and case management. [Read more »](#)

Laboratory support for COVID-19 in the EU/EEA – Testing for SARS-CoV-2 virus, shortages, types

and storage of specimens, specimen shipping etc. [Read more »](#)

Q & A on COVID-19 – Questions and answers. [Read more »](#)

Recent peer-reviewed publications

Disclaimer: In view of the large number of COVID-19 related publications, this list is compiled based on a rapid review of titles and abstracts and subjective selection of peer-reviewed articles, and does not include a qualitative assessment or critical appraisal of the evidence.

1. Lack of Association of Initial Viral Load in SARS-CoV-2 Patients with In-Hospital Mortality *Am J Trop Med Hyg* [Read more »](#)
2. Systematic review of reviews of symptoms and signs of COVID-19 in children and adolescents *Arch Dis Child* [Read more »](#)
3. Current updates on the European and WHO registered clinical trials of coronavirus disease 2019 (COVID-19) *Biomed J* [Read more »](#)
4. Measures implemented in the school setting to contain the COVID-19 pandemic: a scoping review *Cochrane Database of Systematic Reviews* [Read more »](#)
5. Assessing Mandatory Stay-at-Home and Business Closure Effects on the Spread of COVID-19. *Eur J Clin Invest* [Read more »](#)
6. Transmission dynamics of the COVID-19 epidemics in England *Int J Infect Dis* [Read more »](#)
7. A systematic review and meta-analysis of published research data on COVID-19 infection fatality rates *Int J Infect Dis* [Read more »](#)
8. Assessment of Air Contamination by SARS-CoV-2 in Hospital Settings *JAMA Netw Open* [Read more »](#)
9. Assessment of Maternal and Neonatal SARS-CoV-2 Viral Load, Transplacental Antibody Transfer, and Placental Pathology in Pregnancies During the COVID-19 Pandemic *JAMA Netw Open* [Read more »](#)
10. Estimation of US SARS-CoV-2 Infections, Symptomatic Infections, Hospitalizations, and Deaths Using Seroprevalence Surveys *JAMA Netw Open* [Read more »](#)
11. Longitudinal Testing for Respiratory and Gastrointestinal Shedding of SARS-CoV-2 in Day Care Centres in Hesse, Germany *Clinical Infectious Diseases* [Read more »](#)
12. The Importance and Challenges of Identifying SARS-CoV-2 Reinfections *J Clin Microbiol* [Read more »](#)
13. Performance of At-Home Self-Collected Saliva and Nasal-Oropharyngeal Swabs in the Surveillance of COVID-19 *J Oral Microbiology* [Read more »](#)
14. HIV infection and COVID-19 death: a population-based cohort analysis of UK primary care data and linked national death registrations within the OpenSAFELY platform *Lancet HIV* [Read more »](#)
15. Characterization of neonates born to mothers with SARS-CoV-2 infection: Review and meta-analysis *Pediatr Neonatol* [Read more »](#)
16. Evaluation of pool-based testing approaches to enable population-wide screening for COVID-19 *PLoS One* [Read more »](#)
17. Antibody response to SARS-CoV-2 infection in humans: A systematic review *PLoS One* [Read more »](#)
18. Current smoking and COVID-19 risk: results from a population symptom app in

over 2.4 million people Thorax [Read more »](#)

Additional Resources

European Union. Re-open EU: interactive tool with country information for travel and transportation [Read more »](#)

European Commission. Coronavirus response. [Read more »](#)

EU Healthy Gateways: [Published guidance and reports for COVID-19](#)

European Agency for Safety and Health (OSHA). COVID-19: Resources for the workplace: EU guidance, telework, resources from EU and international organisations [Read more »](#)

European Medicines Agency: [Latest updates on COVID-19](#). Treatments and vaccines for COVID-19.

European Maritime Safety Agency (EMSA). COVID-19 measures. [Read more »](#)

World Health Organization. Coronavirus disease (COVID-19) pandemic. [Read more »](#)

Health Systems Response Monitor: [COVID-19 Health System Response Monitor](#) designed in response to the COVID-19 outbreak to collect and organize up-to-date information on how countries are responding to the crisis

Food and Agriculture Organization of the UN: Exposure of humans or animals to SARS-CoV-2 from wild, livestock, companion and aquatic animals. [Qualitative exposure assessment](#).

Living Evidence Summaries

COAP: [COVID-19 Open Access Project](#) from the Institute of Social and Preventive Medicine ([ISPM](#)). This database is updated daily with published articles from Pubmed and EMBASE and with preprints from medRxiv and bioRxiv.

EPPI Centre: [COVID-19](#): a living systematic map of the evidence. Up-to-date map of the current evidence that are partitioned into broad domains for easy exploration.

NMA initiative: [Covid-19 – living initiative](#). Living mapping and living systematic review of Covid-19 trials.

PregCOV-19LSR by the University of Birmingham. Series of living systematic reviews (LSR) involving pregnant and postnatal women at risk, suspected, and diagnosed to have COVID-19 according to recommended methods. [Read more »](#)

theBMJ: [Drug treatments for covid-19](#): living systematic review and network meta-analysis

Science Updates

Centre for Evidence-Based Medicine CEBM: [Oxford COVID-19 Evidence Service](#). Rapid reviews of primary care questions relating to COVID-19.

Cochrane: [Cochrane Reviews](#) and related content from the Cochrane Library relating to the COVID-19 pandemic.

COVID Reference International: Every day the “Top 10 scientific COVID-19 papers of the day” are presented. Also provides multiple other useful links to literature. [Read more »](#)

COVID-AMR: [Peer-reviewed literature](#) on secondary infections, antibiotic chemotherapy and AMR in the context of COVID-19.

Evidence Aid: [Evidence Collection](#) on Coronavirus (COVID-19). This evidence collection contains plain-language summaries of high-quality research which are available in English, and translated into French, Spanish, Portuguese, Arabic and Chinese (simplified and traditional).

Health Information and Quality Authority: [COVID-19 Publications](#): Clinical evidence summaries and rapid reviews on various different topics.

LitCovid: [curated literature hub](#) for tracking up-to-date scientific information about COVID-19. It is the most comprehensive resource on the subject, providing a central access a large number of relevant articles in PubMed. The articles are updated daily and are further categorized by different research topics and geographic locations for improved access.

US Centers for Disease Control and Prevention: [COVID-19 Science Updates](#) providing brief summaries of new COVID-19-related studies on many topics, including epidemiology, clinical treatment and management, laboratory science, and modeling. The summaries are released every Tuesday and Friday.

VA-ESP COVID-19 Reviews: [U.S. Veterans' Affairs \(VA\) Evidence Synthesis Program](#) - Inventory of living systematic reviews and 'rapid reviews', with a flag for living reviews and for reviews meeting minimum quality standards

Wolters Kluwer: [Clinical effectiveness COVID-19 Recourses Available to All](#). View a categorized collection of all UpToDate COVID-19 content including clinical topics, algorithms, patient education and society guideline links.